

Converting Colors

Hex(9EE1BD)

Have a look what the booklet for
Hex(9EE1BD) contains.

Hex(9EE1BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9EE1BD)

Conversions

Conversions Part 1

Format	Color
Hex	9EE1BD
RGB	158, 225, 189
RGB Percent	62%, 88%, 74%
CMY	0.3804, 0.1176, 0.2588
CMYK	0.30, 0.00, 0.16, 0.12
HSL	148°, 53%, 75%
HSV	148°, 30%, 88%
XYZ	50.2111, 64.7937, 58.0041
YIQ	200.8630, -28.3760, -25.4000

Conversions

Conversions Part 2

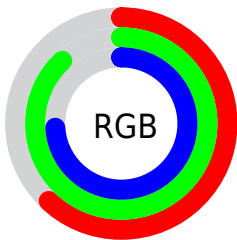
Format	Color
RYB	158, 204, 225
Decimal	10412477
CIELab	84.38, -28.47, 10.93
CIELCh	84, 30.494, 158.987
Yxy	64.7937, 0.2902, 0.3745
Android (android.graphics.Color)	4288602557 (0xFF9EE1BD)
YUV	200.8630, -5.8485, -37.5909
Hunter-Lab	80.4945, -29.5202, 13.6219

Details

The Hex color **9EE1BD** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E19EC2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D6FFF5**, and **68A988** is the 20% darker color. If you saturate the color by 10%, you get **88E1B1**, and if you desaturate by 10%, it is **B5E1C9**.

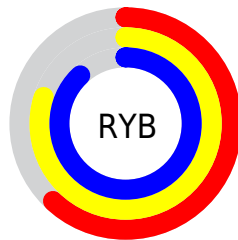
Distribution



Red (62%)

Green (88%)

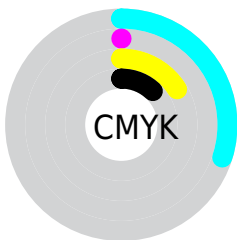
Blue (74%)



Red (62%)

Yellow (80%)

Blue (88%)

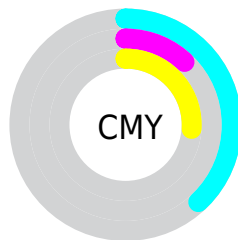


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (38%)

Magenta (12%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EE1BD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9EE1BD by changing the saturation by 10% instead.

 9EE1BD

 9EE1BD

FFFFFF

 83C5A2

 D6FFF5

 68A988

 F3FFFF

 4F8F6E

 357556

 195C3F

 004429

 002D14

 001800

 000000

 9EE1BD

 9EE1BD

 88E1B1

 B5E1C9

 71E1A5

 CBE1D5

 5BE199

 E2E1E1

 44E18D

 F8E1ED

 2EE181

 FFE1F9

 17E174

 FFE1FF

 01E168

 00E168

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BFDCA5



9EE1BD



84E3DA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9EE1BD



BBD2FF



FFC1B0

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9EE1BD



E19EC2

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBECB



9EE1BD



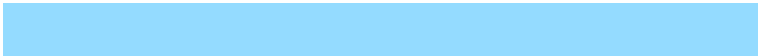
E2C8FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9EE1BD



94DBFF



FFC0E8



F9CA9E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9EE1BD



7CE2ED



FFC0E8



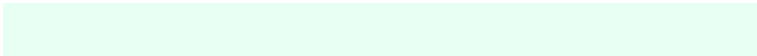
FFBFB8

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9EE1BD



E8FFF3



C3E19E



718078



000000



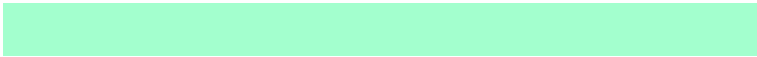
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EE1BD



A3FFCE



9EE1DE



65706A



00B051



003016

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E19EC2



FFA3D5



E19EA1



70656B



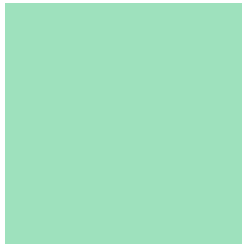
B0005F



30001A

Previews

White Background



This preview shows how the Hex color 9EE1BD looks on a white background.

Color Contrast Check

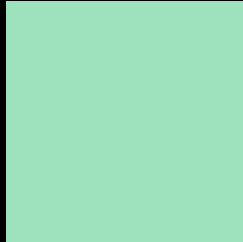
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9EE1BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

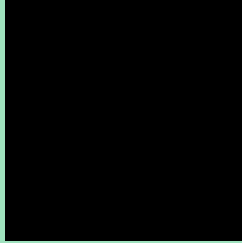
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

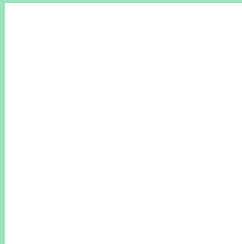
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9EE1BD Background



This preview shows how black text looks on a background with the Hex color 9EE1BD.

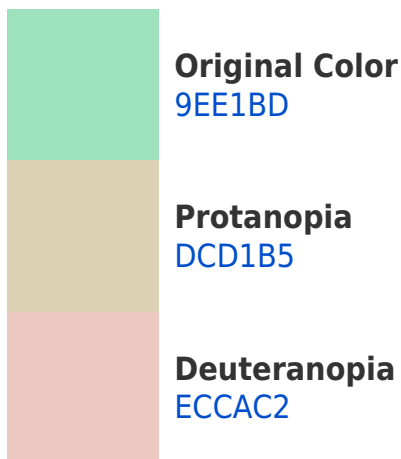


This preview shows how white text looks on a background with the Hex color 9EE1BD.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



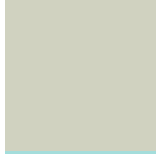
Trichromacy



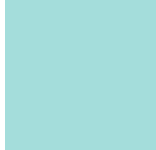
Original Color
9EE1BD



Protanomaly
C5D7B8



Deuteranomaly
D0D2C0

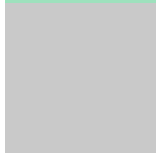


Tritanomaly
A4DDDB

Monochromacy



Original Color
9EE1BD



Achromatopsia
C9C9C9



Achromatomaly
B9D2C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EE1BD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9EE1BD looks like.

```
.text, #text, p{  
    color:#9EE1BD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9EE1BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EE1BD
}
```

Border

The CSS property to change the border of an element to Hex 9EE1BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9EE1BD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9EE1BD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9EE1BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EE1BD; -webkit-box-shadow:4px 4px  
4px 4px #9EE1BD; box-shadow:4px 4px 4px  
4px #9EE1BD }
```

Background

The CSS property to change the background color of an element to Hex 9EE1BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EE1BD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9EE1BD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor